PROGRAMME

Friday, 21 May

2.00   H K Moffatt (Cambridge)

Multiple scale approach to turbulent dynamos

2.40   W Arter (Cambridge)

Flux pumping revisited

3.10   M R E Proctor (Cambridge)

Bifurcating flux ropes

3.30   TEA

3.45   T G Forbes (St Andrews)

Neutral line motion due to reconnection in two-
ribbon solar flares and magnetospheric substorms

4.15   B Roberts (St Andrews)

Solitons in magnetic flux tubes: the Benjamin-Ono
equation

4.45   N A Hill (Imperial College)

Amplitude equations for hydromagnetic waves on a
β-plane

5.15   D Winch (Newcastle)

Fluid velocities on the core-mantle boundary

5.45   END

09.15   N O Weiss (Cambridge)
Transition to chaos in a model of magneto-convection

09.40   F Cattaneo (Cambridge)
Compressible magneto-convection

10.10   D Hughes (Cambridge)
Doubly diffusive instabilities driven by magnetic buoyancy

10.40   COFFEE

11.00   D R Fearn (Cambridge)
Hydromagnetic stability in the presence of a shear flow

11.35   D Acheson (Oxford)
Local stability analysis

12.00   A Richardson (Bristol)
Electrothermal convection in a dielectric liquid layer - Stationary and oscillatory instabilities

12.40   END